

AMENDMENT TO H.R. 5656
OFFERED BY MR. COSTELLO OF ILLINOIS

At the end of the bill, add the following new section:

1 **SEC. 16. COAL AS A FUEL SOURCE FOR ETHANOL.**

2 (a) GRANT PROGRAM.—The Secretary of Energy
3 shall provide grants to States for the conduct of the re-
4 search needed to remove barriers that limit the use of coal
5 as a fuel source in fuel ethanol production. Such research
6 assistance shall be provided—

7 (1) to develop the knowledge base that will be
8 needed to expediently permit coal gasification fueled
9 ethanol plants;

10 (2) to aid ethanol producers in the evaluation
11 and inclusion of coal gasification technologies in ex-
12 isting or new ethanol plants;

13 (3) to understand how to reduce the capital
14 costs of coal fueled ethanol production, including
15 making use of byproducts from agricultural practice,
16 and biomass material or blends, in the processing of
17 ethanol; and

18 (4) to understand the applicability of carbon di-
19 oxide capture and sequestration technologies, includ-



1 ing adsorption and absorption techniques and chem-
2 ical processes, to coal fueled ethanol plants.

3 (b) GRANT PROGRAM.—The Secretary of Energy
4 shall provide grants to States for the conduct of the re-
5 search needed to remove barriers that limit the use of coal
6 as a fuel source in fuel ethanol production. Such research
7 assistance shall be provided—

8 (1) to develop the knowledge base that will be
9 needed to expediently permit coal gasification fueled
10 ethanol plants;

11 (2) to aid ethanol producers in the evaluation
12 and inclusion of coal gasification technologies in ex-
13 isting or new ethanol plants;

14 (3) to understand how to reduce the capital
15 costs of coal fueled ethanol production, including
16 making use of byproducts from agricultural practice,
17 and biomass material or blends, in the processing of
18 ethanol; and

19 (4) to understand the applicability of carbon di-
20 oxide capture and sequestration technologies, includ-
21 ing adsorption and absorption techniques and chem-
22 ical processes, to coal fueled ethanol plants.

23 (c) DEMONSTRATION PROJECT.—At least 1 pilot
24 project receiving assistance under this section shall be



1 fueled by coal gasification and located in an area with high
2 sulfur bituminous coal reserves.

3 (d) RESEARCH AND DEVELOPMENT AUTHORIZATION
4 OF APPROPRIATIONS.—There are authorized to be appro-
5 priated to the Secretary of Energy for carrying out re-
6 search and development activities under this section
7 \$5,000,000 for fiscal year 2007.

8 (e) DEMONSTRATION PROJECT AUTHORIZATION OF
9 APPROPRIATIONS.—There are authorized to be appro-
10 priated to the Secretary of Energy for carrying out dem-
11 onstration activities under this section \$20,000,000 for
12 fiscal year 2007.

